




Image may be representation.
See specifications for product details.

6EDL04I06NTXUMA1

Manufacturer Part Number	6EDL04I06NTXUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-6EDL04I06NTXUMA1
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC GATE DRVR HALF-BRIDG DSO28-17
Package	28-SOIC (0.295', 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf Cylindrical Battery Holders.pdf
RoHs Status	 ROHS3 Compliant



6EDL04I06NTXUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology 6EDL04I06NTXUMA1 datasheet/specifications on AllelcoElec.com.
Request a quote for 6EDL04I06NTXUMA1, please send us email: info@allelco.com

Get a Quote





Specifications

6EDL04I06NTXUMA1 Tech Specifications
6EDL04I06NTXUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Mounting Type	Surface Mount
Voltage - Supply	13V ~ 17.5V	Logic Voltage - VIL, VIH	1.1V, 1.7V
Supplier Device Package	PG-DSO-28-17	Input Type	Non-Inverting
Series	EiceDriver™	High Side Voltage - Max (Bootstrap)	600 V
Rise / Fall Time (Typ)	60ns, 26ns	Gate Type	IGBT, N-Channel, P-Channel MOSFET
Package / Case	28-SOIC (0.295', 7.50mm Width)	Driven Configuration	Half-Bridge
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	-
Operating Temperature	-40°C ~ 125°C (TJ)	Channel Type	3-Phase
Number of Drivers	6	Base Product Number	6EDL04

Parts with Similar Specifications


The three parts on the right have similar specifications to Infineon Technologies 6EDL04I06NTXUMA1

Product Attribute				
Part Number	6EDL04I06NTXUMA1	DGD05473FN-7	IR2301SPBF	6ED003L06F2XUMA1
Manufacturer	Infineon Technologies	Diodes Incorporated	Infineon Technologies	Infineon Technologies
Supplier Device Package	PG-DSO-28-17	W-DFN3030-10	8-SOIC	PG-DSO-28
Package / Case	28-SOIC (0.295', 7.50mm Width)	10-WFDFN Exposed Pad	8-SOIC (0.154', 3.90mm Width)	28-SOIC (0.295', 7.50mm Width)
Voltage - Supply	13V ~ 17.5V	0.3V ~ 60V	5V ~ 20V	13V ~ 17.5V
Input Type	Non-Inverting	CMOS/TTL	Non-Inverting	Inverting
Rise / Fall Time (Typ)	60ns, 26ns	16ns, 12ns	130ns, 50ns	60ns, 26ns
Logic Voltage - VIL, VIH	1.1V, 1.7V	0.8V, 2.4V	0.8V, 2.9V	1.1V, 1.7V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)
Driven Configuration	Half-Bridge	Half-Bridge	High-Side or Low-Side	Half-Bridge
High Side Voltage - Max (Bootstrap)	600 V	50 V	600 V	620 V
Series	EiceDriver™	-	-	EiceDriver™
Gate Type	IGBT, N-Channel, P-Channel MOSFET	N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel, P-Channel MOSFET
Base Product Number	6EDL04	DGD05473	IR2301	6ED003
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Peak Output (Source, Sink)	-	1.5A, 2.5A	200mA, 350mA	-
Channel Type	3-Phase	Independent	Independent	3-Phase
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Number of Drivers	6	2	2	6


6EDL04I06NTXUMA1 Datasheet PDF

Download 6EDL04I06NTXUMA1 pdf datasheets and Infineon Technologies documentation for 6EDL04I06NTXUMA1 - Infineon Technologies.


Datasheets

 Cylindrical Battery Holders.pdf

Other Related Documents

 Part Number Guide.pdf

PCN Packaging


 2.73KHz.pdf

PCN Assembly/Origin


HTML Datasheet

Customers Also Interested in


Recommended Products




6ED003L06-F
Cypress Semiconductor
(Infineon Technologies)
IGBT Module




DGD05473FN-7
Diodes Incorporated
IC GATE DRV HALF-BRDG DFN3030-10




6ED003L02F
Cypress Semiconductor
(Infineon Technologies)




6ED003
Cypress Semiconductor
(Infineon Technologies)




6ED003L02-F2
Cypress Semiconductor
(Infineon Technologies)
IGBT Module




IR2301SPBF
Infineon Technologies
IC GATE DRVR HI/LOW SIDE 8SOIC




6ED003L06F2XUMA1
Infineon Technologies
IC GATE DRVR HALF-BRIDGE DSO28




6EDL04N02PR
Cypress Semiconductor
(Infineon Technologies)
IGBT Module




TC4451VAT
Microchip Technology
IC GATE DRVR LOW-SIDE TO220-5




6ED003L02-F
Cypress Semiconductor
(Infineon Technologies)
IGBT Module




6ED003L06-F2
Cypress Semiconductor
(Infineon Technologies)
IGBT Module




6EDM2003L60F
LNFINEON




6EDL04I06NT
Cypress Semiconductor
(Infineon Technologies)
IGBT Module




6EDL04N02PRXUMA1
Infineon Technologies
IC GATE DRVR HALF-BRIDGE 28TSSOP




6EDL04I06PTXUMA1
Infineon Technologies
IC GATE DRVR HALF-BRIDGE DSO28



6EDL04N06PTXUMA1
Infineon Technologies
IC GATE DRVR HALF-BRIDGE 28TSSOP



6EDL04I06PT
Cypress Semiconductor
(Infineon Technologies)
IGBT Module



6EDL04N06PT
Cypress Semiconductor
(Infineon Technologies)
IGBT Module

Shipment

Delivery Time
In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost
> Use your express account for shipment if you have one.
> Use our account for the shipment. Refer to the table below for the approximate charges.
(Different time frame / countries / package size has different price.)

Delivery Method
> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
> Others more shipping ways, please get in touch with your customer manager.






Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.


DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.




Your Faithful Supply Chain Partner -



Efficient Supply Management




Cost-Saving Procurement




Fast Sourcing & Delivery

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



[View More](#)